Course Syllabus

[Jump to Today](#)

CIS 242 - Web Development II: JavaScript and jQuery

COURSE INFORMATION

- Quarter: Winter, 2019
- Credits: 5
- Course Mode: Hybrid course. Wednesdays 6:00pm to 8:40pm. SNH-124
- Course Description: Students will explore the topics of embedding, inline and external scripts, functions, form validation, loops, conditional statements, strings, numbers, DHTML, and an introduction to JavaScript Frameworks. Students build multi-page Web sites using these technologies.
- Prerequisites: CIS 241 or concurrent enrollment with minimum grades of 2.5 or equivalent.

INSTRUCTOR INFORMATION

- Instructor Name: Louis HO
- Office Hours: 1pm - 4pm Monday, Wednesday
- Office Location: Alderwood Hall 235A
- Phone: 425-640-1308
- Email: louis.ho@email.edcc.edu
- Best Way to Contact: Edmonds CC email.

COURSE MATERIALS

- Textbook
    - JAVASCRIPT SPECIALIST PDF
    - Certified Internet Web Professional (CIW)
    - Date of Publication: 2017
    - ISBN number: 2810050003290
- **Edmonds CC Bookstore** **(http://www.edcc.edu/bookstore)** : (full URL: **http://ww.edcc.edu/bookstore (http://www.edcc.edu/bookstore)**).
- Required and/or Optional Materials: You must have regular and timely access to a computer with an internet connection.
- **Computer Resources** **(http://students.edcc.edu/acs/facilities.html)** : Computers are available in a wide variety of locations across campus. The campus also has a wireless network available for students. See computer facilities (full URL: **http://students.edcc.edu/acs/facilities.html (http://students.edcc.edu /acs/facilities.html)**) for a complete list of locations and resources, and see START at www.edcc.edu/online/start for student technical assistance.

LEARNING OBJECTIVES

- **Course-level Learning Objectives (CLOs)**.

1. Use object-oriented client-side scripting with well-formed web pages.
2. Recognize client-side variables and data types and the operations that can be performed on them.
3. Write client-side functions, event handlers and control structures.
4. Verify form data through scripting validation.
5. Save state information through the use of hidden form fields, query-strings and cookies.
6. List the concepts of server-side programming and Node.js.

- **Certificate and Degree (Program-level) Learning Outcomes (PLOs)**. • This course is part of Computer Information Systems - Web Application and Cloud Developer Associate of Technical Arts Degree, and assesses student achievement of these specific outcomes:
  - Communication Skills (minimum 5 credits)
    - OUTCOME: Communicate and interact effectively through a variety of methods appropriate to audience, context, purpose, and field/discipline.
  - Human Relations and Professional Development Skills (6-7 credits)
    - OUTCOME: Act responsibly in applying professional and academic standards associated with personal wellness; sustainable management of resources; and/or with success in educational, workplace, community, and team settings.
  - Quantitative Analysis/Symbolic Reasoning Skills (minimum 5 credits)
    - OUTCOME: Reason clearly using academic or professional modes of inquiry; using quantitative or symbolic reasoning; and/or using other discipline/field specific methods to explore and create ideas; identify information needs; process, evaluate, and use information; and recognize, analyze, and solve problems.
  - Cultural Diversity Skills
    - OUTCOME: Explore and apply multiple perspectives in order to examine cultural differences and influences; maintain effective professional/working relationships; and/or interact effectively in multicultural settings.
  - Program Requirements (75 credits)
    - OUTCOMES:

1. Build and maintain websites, mobile apps, and Android and IOS sites.
2. Research, assess, and appropriately apply updated emerging technology to support websites as needed in industry.
3. Work with management, development teams, or stakeholders to create websites.
4. Comply with the ethics related to the use of copyrighted materials and intellectual property rights.
5. Demonstrate an entrepreneurial approach to website/page development.
6. Describe, create, and implement databases technologies relative to website development and maintenance.
7. Analyze, implement, and apply the systems development lifecycle (SDLC) methods and tools to meet the website development needs of a business.

COURSE MODE

- This is a hybrid course. A hybrid course is a combination of traditional classroom activities as well as online instruction. Some classroom time is replaced by content and activities that take place in a managed online eLearning classroom. You should also check in on the Canvas course at least 3 times a week. For more information about taking a class a Hybrid course, visit **eLearning at EdCC (http://www.edcc.edu/elearning/)** (full URL: **http://www.edcc.edu/elearning   (http://www.edcc.edu /elearning/)**).

ASSIGNMENTS AND GRADING

- **Assessment Criteria and Grading Policies.** Point Distribution: labs (130), home assignments (130), quizzes (130), exams (400), Final Project (210), Total points (1000). Rubrics for the assignments are specified in Canvas. See the Grade Table below for the grade point equivalents.
- **Attendance Policy.** Because this is a hybrid course, you must attend class each week on Campus. You should also check in on the Canvas course at least 3 times a week, to be sure that you don't miss any important announcements or information.
- **Make-up or Late Work**. Projects/assignments are due on the date indicated in Canvas. Projects/assignments received late will be marked 50% off if the assignment is not submitted by the stated date on the calendar. After the second week, no late assignment will be accepted. The final project will not be accepted late. No assignments will be accepted after the last class meeting of the quarter. No make-up tests or quizzes will be given unless prearranged. Prearranged is defined as: notifying the instructor of the inability to take the test or quiz before the scheduled time of the test or quiz. You must make up the missed test or quiz within an agreed upon amount of time, no more than one week.
- **Policy on V and I Grades**. These can be found in the **online college catalog   (http://catalog.edcc.edu/)** (full URL: **http://catalog.edcc.edu   (http://catalog.edcc.edu/)**) on the Academic Requirements page, under Student Grades.
- **Policy on S, U, and N Grades**. These can be found in the **online college catalog (http://catalog.edcc.edu/)** (full URL: **http://catalog.edcc.edu   (http://catalog.edcc.edu/)**) on the Academic Requirements page, under Student Grades.
- **Plagiarism Reference**. **Reference Information   (http://employees.edcc.edu/syllabus/plagiarism-overview.html)** (full URL: **/syllabus/plagiarism-overview.html   (http://employees.edcc.edu/syllabus /plagiarism-overview.html)**).
- **Institutional Withdrawal Policy**. Please see **Instructor-Institutional Withdrawal Policy (http://www.edcc.edu/es/register/drop-policy.html)**
- Please see the **Student Rights, Freedoms and Responsibilities** in the Edmonds CC online academic catalog: **Edmonds Community College Policies   (http://catalog.edcc.edu/content.php?catoid=23& navoid=6810)** (full URL: **http://catalog.edcc.edu/content.php?catoid=23&navoid=6810 (http://catalog.edcc.edu/content.php?catoid=23&navoid=6810)**). This document includes Guidelines for Student Conduct and information on disciplinary procedures.
- **GRADE TABLE**

Grade Points for Percentage of Points earned			Letter Grade Equivalency
4.0=95%	2.9=84%	1.8=73%	A = 4.0 - 3.9

3.9=94%	2.8=83%	1.7=72%	A- = 3.8 - 3.5
3.8=93%	2.7=82%	1.6=71%	B+ = 3.4 - 3.2
3.7=92%	2.6=81%	1.5=70%	B = 3.1 - 2.9
3.6=91%	2.5=80%	1.4=69%	B- = 2.8 - 2.5
3.5=90%	2.4=79%	1.4=68%	C+ = 2.4 - 2.2
3.4=89%	2.3=78%	1.4=67%	C = 2.1 - 1.9
3.3=88%	2.2=77%	1.3=66%	C- = 1.8 - 1.5
3.2=87%	2.1=76%	1.2=65%	D+ = 1.4 - 1.2
3.1=86%	2.0=75%	1.1=64%	D = 1.1 – 1.0
3.0=85%	1.9=74%	1.0=63%	F = 0.0

STATEMENT ON ACADEMIC INTEGRITY

Edmonds CC students shall demonstrate Academic Integrity. I am expected to report all violations of Academic Integrity (cheating and plagiarism) to the College. The College's database of such incidents will be monitored by the Office of the Vice President for Student Services. Data will be maintained for three years. Evidence of repeat incidents will result in additional action by the Office of the Vice President for Student Services as governed by the Student Code of Conduct. In this class, cheating and plagiarism will result in an assignment or grade penalty ranging from "0" on an assignment to an "F" in the course.

FINAL EXAM AND LAST MEETING OF CLASS

- The final exam will be in-class on WEEK ELEVEN, March 13, 2019, Wednesday, 6 pm, at SNH-0124.

SERVICES FOR STUDENTS WITH DISABILITIES

If you require an accommodation for a disability, please contact Services for Students with Disabilities at MLT 159, 425.640.1320 or **ssdmail@edcc.edu**.

COURSE EXPECTATIONS

- Students:
  - Submit all assignments by the due dates specified in Canvas.
  - Send all assignments in Canvas.
  - Ensure your name is on your assignment at the top of the first page.
  - Check the eLearning course site at least 3 times a week.
- Instructor:
  - I will return email messages within 24 hours, usually much sooner.
  - I will grade and return all assignments within seven days.
  - I will monitor the discussion board on a daily basis.
  - I will post all grades and points on the eLearning course student grade book.
- Successful completion of student responsibilities in this class requires class attendance and online access to Canvas. You are expected to attend class and log in to your online classroom at least 3 times per week for a minimum of 2 hours. Instructions for access to **Canvas and student technical support (http://www.edcc.edu/elearning/default.html)** (full URL: **http://www.edcc.edu/elearning (http://www.edcc.edu/elearning/)**).

STUDENT RESOURCES

Useful **Student Resources   (http://students.edcc.edu/default.html)** (full URL: **http://www.edcc.edu/students   (http://www.edcc.edu/students/)**)

Academic Calendar   (http://www.edcc.edu/calendar/academic.html) (full URL: **http://www.edcc.edu/calendar/academic.html   (http://www.edcc.edu/calendar/academic.html)**)

Advising   (http://www.edcc.edu/getting-started/advising/default.html) (full URL: **http://www.edcc.edu/advising   (http://www.edcc.edu/advising/)**)

Center for Student Engagement and Leadership   (http://students.edcc.edu/csel/default.html) (full URL: **http://www.edcc.edu/csel   (http://www.edcc.edu/csel/)**)

College Policies and Procedures   (http://catalog.edcc.edu/content.php?catoid=23&navoid=6810) (full URL: **http://catalog.edcc.edu/content.php?catoid=23&navoid=6810   (http://catalog.edcc.edu/content.php?catoid=23&navoid=6810)**)

Counseling and Resource Center   (http://www.edcc.edu/counseling/default.html) (full URL: **http://www.edcc.edu/counseling   (http://www.edcc.edu/counseling/)**)

Diversity Student Center   (http://www.edcc.edu/dsc/default.html) (full URL: **http://www.edcc.edu/dsc (http://www.edcc.edu/dsc/)**)

eLearning Information   (http://www.edcc.edu/elearning/default.html) (full URL: **http://www.edcc.edu/elearning   (http://www.edcc.edu/elearning/)**)

Enrollment Services   (http://www.edcc.edu/es/default.html) (full URL: **http://www.edcc.edu/es (http://www.edcc.edu/es/)**)

Library, including online resources   (http://www.edcc.edu/library/default.html) (full URL: **http://www.edcc.edu/library   (http://www.edcc.edu/library/)**)

Services for Students with Disabilities (http://students.edcc.edu/ssd/default.html) (full URL: **http://www.edcc.edu/ssd** (http://www.edcc.edu/ssd/))

Student Printing Information (http://students.edcc.edu/acs/printing/default.html) (full URL: **http://students.edcc.edu/acs/printing** (http://students.edcc.edu/acs/printing/))

Student Support Resources (http://students.edcc.edu/support/default.html) (full URL: **http://www.edcc.edu/support** (http://www.edcc.edu/support/))

TRIO (http://www.edcc.edu/trio/default.html) (full URL: **http://www.edcc.edu/trio** (http://www.edcc.edu/trio/))

Title IX and Gender Discrimination (full URL: **http://www.edcc.edu/titleix/what-is-titleix/definitions/gender-discrimination.html** (http://www.edcc.edu/titleix/what-is-titleix/definitions/gender-discrimination.html))

Emergency Preparedness

The **Triton Alert System** (http://www.edcc.edu/alert/triton/) (full URL: **http://www.edcc.edu/alert/triton** (http://www.edcc.edu/alert/triton/)) will be used to send notifications regarding campus closures, emergency situations, or evacuation orders in the event of an emergency or inclement weather. Edmonds CC students and employees are automatically enrolled to receive Triton Alerts through their college email addresses. Sign up to receive text and voice messages on your mobile or home phones and/or additional email notifications to personal email addresses.

If inclement weather prevents me from getting to campus (and the college is open), I will leave an announcement in our eLearning class. I will try to get this information to you as early as possible so you don't come to campus and find that the class has been canceled. However, be sure to check the college's website to see if the college is closed and all classes are canceled.

Important Dates

Edmonds CC Academic Calendar: **http://www.edcc.edu/calendar/academic.html** (http://www.edcc.edu/calendar/academic.html) .

Winter Quarter 2019

Date	Event
Jan. 1	**New Year's Holiday: College Closed**
Jan. 2	**Winter quarter classes begin (Financial Aid deadline for this quarter: Nov. 15, 2018)**
Jan. 4	**Last day online registration available for adding classes (after this date, instructor's permission needed to add most classes and waitlists are disabled)**
Jan. 8	**Financial Aid students must finalize their enrollment status by this date**
Jan. 8	**Last day for 100% refund (self-support classes have different dates)**
Jan. 15	**Graduation application submission deadline**
Jan. 15	**Last day before late petition required to register unless otherwise posted in schedule**
Jan. 15	**Last day to drop a class without a transcript entry**
Jan. 18	**Last day for 50% refund (self-support classes have different dates)**
Jan. 21	**Martin Luther King Jr. Holiday: College Closed**
Feb. 18	**Presidents Day Holiday: College Closed**
Feb. 19	**Graduation packets due from advisors**
Feb. 19	**Last day to withdraw, add a continuous enrollment class, or change credit/audit status**
Feb. 21	**Registration for spring quarter begins**
Feb. 27	**Open enrollment for spring quarters begins**

Mar. 1   <u>Spring quarter 2019 financial aid application deadline</u>

Mar. 11   <u>Web grading available to instructors through instructor briefcase</u>

Mar. 13   <u>Final exams</u>

Mar. 14   <u>Final exams</u>

Mar. 15   <u>Final exams</u>

Mar. 18   <u>Final exams</u>

Mar. 18   <u>Last day of winter quarter</u>

Mar. 20   <u>Grades are due</u>

Mar. 22   <u>Grades available to students online</u>

Course Summary:

Date	Details	
Wed Jan 2, 2019	📝 **Lesson 1: Introduction to JavaScript (in-class lab)** (https://edcc.instructure.com/courses/1727078/assignments/14299830)	due by 9pm
	📝 **Lesson 1 Introduction to JavaScript (Home Assignment)** (https://edcc.instructure.com/courses/1727078/assignments/14299829)	due by 6pm
	📝 **Lesson 1 Introduction to JavaScript Quiz** (https://edcc.instructure.com/courses/1727078/assignments/14299783)	due by 6pm
Wed Jan 9, 2019	📝 **Lesson 2: Working with Variables and Data in JavaScript (In-class Lab)** (https://edcc.instructure.com/courses/1727078/assignments/14299832)	due by 9pm
	📝 **Lesson 3: Functions, Methods and Events in JavaScript (In-class Lab)** (https://edcc.instructure.com/courses/1727078/assignments/14299834)	due by 9pm
Wed Jan 16, 2019	📝 **Lesson 2: Working with Variables and Data in JavaScript (Home Assignment)** (https://edcc.instructure.com/courses/1727078	due by 6pm

Date	Details	
	/assignments/14299831)	
	Lesson 2: Working with Variables and Data in JavaScript Quiz (https://edcc.instructure.com/courses/1727078/assignments/14299804)	due by 6pm
	Lesson 3: Functions, Methods and Events in JavaScript (Home Assignment) (https://edcc.instructure.com/courses/1727078 /assignments/14299833)	due by 6pm
	Lesson 3: Functions, Methods and Events in JavaScript Quiz (https://edcc.instructure.com/courses/1727078/assignments/14299810)	due by 6pm
	Lesson 4: Controlling Program Flow in JavaScript (in-class lab) (https://edcc.instructure.com/courses/1727078/assignments/14299837)	due by 9pm
Wed Jan 23, 2019	**Lesson 4: Controlling Program Flow in JavaScript (Home Assignment)** (https://edcc.instructure.com/courses/1727078 /assignments/14299836)	due by 6pm
	Lesson 4: Controlling Program Flow in JavaScript Quiz (https://edcc.instructure.com/courses/1727078/assignments/14299799)	due by 6pm
	Lesson 5: The JavaScript Document Object Model (DOM) (In-class Lab) (https://edcc.instructure.com/courses/1727078/assignments /14299839)	due by 9pm
Wed Jan 30, 2019	**Lesson 5: The JavaScript Document Object Model (DOM) Quiz** (https://edcc.instructure.com/courses/1727078/assignments/14299809)	due by 6pm
	Lesson 5: The JavaScript Document Object Model (DOM) Assignment (https://edcc.instructure.com/courses/1727078 /assignments/14299838)	due by 6pm
	Lesson 6: JavaScript Language Object (in-class lab) (https://edcc.instructure.com/courses/1727078/assignments/14299842)	due by 9pm
	Lesson 7: Developing Interactive Forms with JavaScript (in-class lab) (https://edcc.instructure.com/courses/1727078/assignments /14299847)	due by 9pm
Wed Feb 6, 2019	**Lesson 6: JavaScript Language Object Assignment** (https://edcc.instructure.com/courses/1727078/assignments/14299841)	due by 6pm
	Lesson 6: JavaScript Language Object Quiz (https://edcc.instructure.com/courses/1727078/assignments/14299796)	due by 6pm
	Lesson 7: Developing Interactive Forms with JavaScript Assignment (https://edcc.instructure.com/courses/1727078 /assignments/14299845)	due by 6pm
	Lesson 7: Developing Interactive Forms with JavaScript Quiz (https://edcc.instructure.com/courses/1727078/assignments/14299787)	due by 6pm

Date	Details	
	Midterm Lesson 1 - 7, in-class, closed-book, SNH124, 6pm, 200 points (https://edcc.instructure.com/courses/1727078/assignments/14436709)	due by 8pm
	Lesson 8: JavaScript Security (in-class lab) (https://edcc.instructure.com/courses/1727078/assignments/14299850)	due by 9pm
Wed Feb 13, 2019	**Lesson 8: JavaScript Security Assignment** (https://edcc.instructure.com/courses/1727078/assignments/14299849)	due by 6pm
	Lesson 8: JavaScript Security Quiz (https://edcc.instructure.com/courses/1727078/assignments/14299803)	due by 6pm
	Lesson 9: Custom JavaScript Objects (in-class lab) (https://edcc.instructure.com/courses/1727078/assignments/14299852)	due by 9pm
Wed Feb 20, 2019	**Lesson 9: Custom JavaScript Objects Assignment** (https://edcc.instructure.com/courses/1727078/assignments/14299851)	due by 6pm
	Lesson 9: Custom JavaScript Objects Quiz (https://edcc.instructure.com/courses/1727078/assignments/14299806)	due by 6pm
	Lesson 10: Changing X/HTML on the Fly (in-class lab) (https://edcc.instructure.com/courses/1727078/assignments/14299822)	due by 9pm
Wed Feb 27, 2019	**Lesson 10: Changing X/HTML on the Fly Assignment** (https://edcc.instructure.com/courses/1727078/assignments/14299821)	due by 6pm
	Lesson 10: Changing X/HTML on the Fly Quiz (https://edcc.instructure.com/courses/1727078/assignments/14299781)	due by 6pm
	Lesson 11: JavaScript Libraries (in-class lab) (https://edcc.instructure.com/courses/1727078/assignments/14299824)	due by 9pm
Wed Mar 6, 2019	**Lesson 11: JavaScript Libraries Assignment** (https://edcc.instructure.com/courses/1727078/assignments/14299823)	due by 6pm
	Lesson 11: JavaScript Libraries Quiz (https://edcc.instructure.com/courses/1727078/assignments/14299808)	due by 6pm
	Lesson 12: JavaScript and AJAX (in-class lab) (https://edcc.instructure.com/courses/1727078/assignments/14299826)	due by 9pm
Wed Mar 13, 2019	**Lesson 12 JavaScript and AJAX Assignment** (https://edcc.instructure.com/courses/1727078/assignments/14299825)	due by 6pm
	Lesson 12 JavaScript and AJAX Quiz (https://edcc.instructure.com/courses/1727078/assignments/14299789)	due by 6pm
	Lesson 13: Debugging and Troubleshooting JavaScript (Home Assignment) (https://edcc.instructure.com/courses/1727078/assignments/14299827)	due by 6pm

Date	Details	
	Lesson 13: Debugging and Troubleshooting JavaScript Quiz (https://edcc.instructure.com/courses/1727078/assignments/14299794)	due by 6pm
	Competency Demonstration - CIS 242 Web Dev II Final Project (https://edcc.instructure.com/courses/1727078/assignments/14299814)	due by 9pm
	Week 11 Final Exam (https://edcc.instructure.com/courses/1727078 /assignments/14299785)	due by 9pm